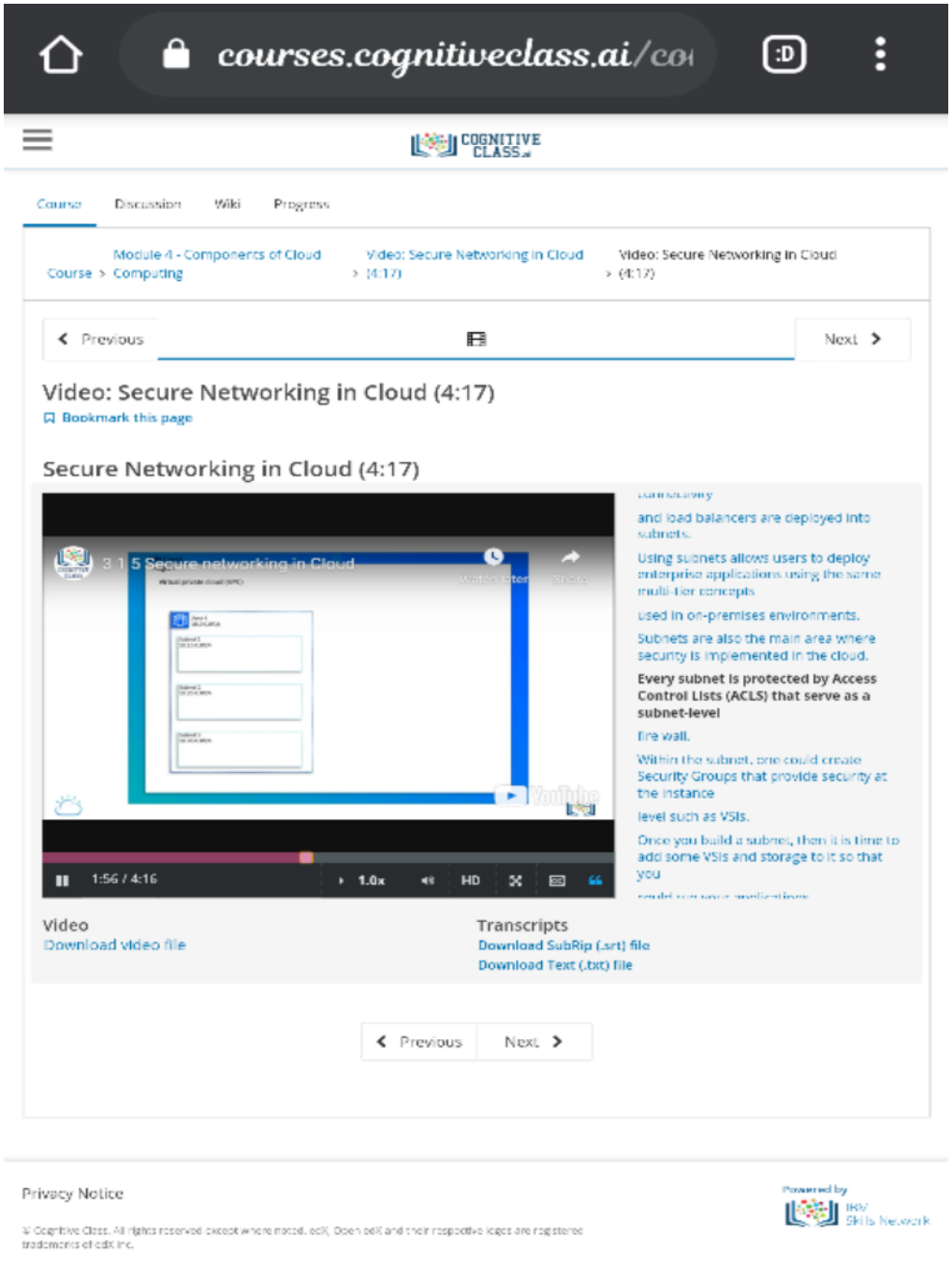
DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/06/2020	Name:	Shetty Sonali
Sem & Sec	8th- B	USN:	4AL16CS123
Certification Course Summary			
Course	Introduction to cloud		
platform	Ibm	Duration	6 hours
Coding Challenges			
Problem Statement: Print the type number of the most common bird; if two or more types of birds are equally common,			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		SONALISHETTY	
Uploaded the report in slack		Yes	

Certification:



Video: Containers (9:00)

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Containers (9:00)

lightweight application, to create that Linux VM, we have to put that guest OS in there, in a set of binaries and libraries. That really bloats it out. In fact, I think the smallest node.js VM that I've seen out there is 400 plus mega bytes, whereas the node.js runtime and app itself would be **under 15. So we've got that and** we'll go ahead and let's push that .js application into it. Just by doing that alone, we're gonna consume a set of resources. Next, let's think about scaling this out. So we'll create two additional copies of it, and you'll notice that even though it's the exact same application, we have to use and deploy that

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Video: Basics of Cloud Storage (5:43)

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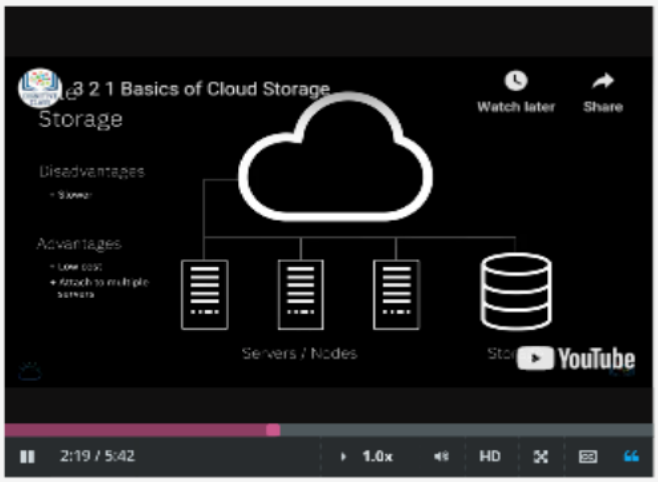
Basics of Cloud Storage (5:43)



over a standard ethernet network.

NFS-mounted storage is common-place but it tends to be slower than either direct-attached

storage or block storage because the data travels over an ethernet network.

It also tends to be lower cost than either direct attached or block storage.

One advantage of File Storage is that it can be mounted or used on multiple servers at

once.

File-based storage is a simple, straightforward approach to data storage and works well for

organizing data in a hierarchical folder structure, that desktop users are familiar with.

Block storage is presented to compute nodes using high-speed fibre connections.

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Coding Challenges D etails:

```
def migratoryBirds(l):
    l.sort()
    d=dict()
    for i in l:
        if  i in d:
            d[i]+=1
        else:
             d[i]=0
    max=0
    for i in d:
        if d[i]>max:
            max=d[i]
            key=i
    return key


arr_count = int(input().strip())
arr = list(map(int, input().rstrip().split()))
result = migratoryBirds(arr)
print(result)
```